

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	147	piano and hammer same (lever or shank with (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 19:59
L2	85	piano and (chamfer\$3 or rounded or bevel \$3) with (edge or corner or side) with (lever or arm or rod or member or element or board or plate) same (action or hammer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 20:42
L3	984	(428/297.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 21:11
L6	4	3 and (piano music\$3 near4 instrument keyboard string\$3 near4 instrument)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 21:17
L8	395	3 and mold\$3 same fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 21:26
L14	56	(YOSHI SUE with KENJI).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 21:59
L15	4	(HI GASA with HIROTAKA).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 22:04
L16	49	(KI HARA with TSUTOMU).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 22:06

S1	46	(84/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/04 14:17
S2	1	piano and (repetition or lever or arm or rod or member or element or board or plate) near8 hammer same (mold\$3 with ABS near4 resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:20
S4	48	piano and (repetition or lever or arm or rod or member or element or board or plate) near8 hammer same fiber\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:21
S5	2	piano and (repetition or lever or arm or rod or member or element or board or plate) with hammer near6 (releas\$3 or lift \$3 or push\$3) same fiber\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:22
S6	242	piano and (repetition or lever or arm or rod or member or element or board or plate) with hammer near6 (releas\$3 or lift \$3 or push\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:47
S7	18	piano and (repetition near4 lever) with (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:38
S8	43	piano and (repetition or lever or arm or rod or member or element or board or plate) with hammer near6 (releas\$3 or lift \$3 or push\$3) same (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:51
S9	43	piano and (repetition or lever or arm or rod or member or element or board or plate or repeat\$3 near4 shank) with hammer near6 (releas\$3 or lift\$3 or push \$3) same (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:52
S10	42	piano and (repetition or lever or arm or rod or member or element or repeat\$5 near4 shank) with hammer near6 (releas \$3 or lift\$3 or push\$3) same (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:52

S11	75	piano and (repetition or repeat\$3 or releas\$3 or lift\$3 or push\$3) near8 (lever or arm or rod or member or element or shank) with hammer same (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:02
S12	32	piano and hammer same (repetition or repeat\$3 or releas\$3 or lift\$3 or push\$3) near8 (lever or arm or rod or member or element or shank) with (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:43
S13	61	piano and (repetition or repeat\$3) near8 (lever or arm or rod or member or element or shank) with (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:59
S14	6	("3240095" "3583271" "3878752" "4770929" "5945617").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/04 15:47
S16	135	piano and hammer same (lever or shank) with (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 16:16
S17	44	piano and hammer and (carbon near3 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 17:33
S19	32	mold\$3 same long near3 fiber same ABS adj resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 16:30
S20	8	("6051307").URPN.	USPAT	OR	OFF	2007/12/04 16:49
S21	102	piano and carbon near3 fiber with resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 17:33
S22	25	piano and (hammer or action) same carbon near3 fiber with resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 17:35
S23	46	piano and (hammer or action) and carbon near3 fiber with resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 17:35

S24	897	(428/297.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 09:26
S25	0	S24 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 09:24
S26	1	S24 and (music\$4 near4 instrument)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 09:25
S27	0	S24 and piano	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 09:25
S28	185	S24 and carbon adj fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 09:26
S29	46	(84/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/07 16:51
S30	3	piano and repetition with lever with mold \$3 with synthetic adj resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 17:16
S31	210	mold\$3 with synthetic adj resin with carbon adj fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 17:23
S32	0	"84"/\$.ccls. and mold\$3 with synthetic adj resin with carbon adj fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 17:26

S33	6	"84"/\$.ccls. and CFRP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 17:26
S34	2	mold\$3 with synthetic adj resin with carbon adj fiber same CFRP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 17:27
S35	8	piano and repetition with lever with mold\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 17:29
S36	9	"84"/\$.ccls. and (thermoplastic or plastic or polymer or synthetic) near3 resin with mold\$3 same long near5 (fiber or woven or fabric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 18:35
S37	0	piano and repetition with lever with CFRP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 21:43
S38	11	piano and repetition with lever same mold\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 21:44
S39	6	("3240095" "3583271" "3878752" "4770929" "5945617").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 21:50
S40	1	S39 and resin with mold\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 21:51
S41	1	S39 and resin with mold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 21:51
S42	15	piano and lever with mold\$3 with resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 21:52
S43	64	piano and lever with mold\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 21:55

S44	10	piano and repetit\$3 near4 (lever or arm or rod or member or element) same mold\$3 with resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 22:02
S45	223	piano and repetit\$3 near4 (lever or arm or rod or member or element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 21:39
S46	30	(repetition or lever) with shank with roller with hammer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 22:10
S47	531	(84/251,170,173,174,234).CCLS.	USPAT	OR	OFF	2009/01/15 22:15
S48	0	("pianopwithactionandchamfer\$3withedge").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 09:42
S49	5	piano with action and chamfer\$3 with edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 09:43
S50	59	piano and chamfer\$3 with edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 09:43
S53	80	piano same (action or hammer) and bevel\$3 with edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:50
S54	57	piano and bevel\$3 with edge same (action or hammer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:52
S55	56	piano and (action or hammer or lever) same round\$3 near4 edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:22

S56	160	piano and repetition near5 (lever or arm or rod or member or element or board or plate) same hammer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:39
S57	6	("5511454").URPN.	USPAT	OR	OFF	2009/01/16 11:08
S58	4	("3169436" "4854211" "5511454").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/16 11:11
S59	55	piano and (chamfer\$3 or rounded or bevel \$3) with (edge or corner) with (lever or arm or rod or member or element or board or plate) same (action or hammer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 11:24
S60	85	piano and (chamfer\$3 or rounded or bevel \$3) with (edge or corner or side) with (lever or arm or rod or member or element or board or plate) same (action or hammer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 11:24
S61	46	(84/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 12:25
S62	1255	(84/235-255).CCLS.	USPAT	OR	OFF	2009/01/16 12:30
S63	141	piano and hammer same (lever or shank) with (fiber\$1 or resin or thermoplastic or plastic or mold\$3 or polymer or synthetic or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 13:14
S64	2509	(84/234-255).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/25 22:45
S65	971	(428/297.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/25 23:02
S66	251	piano and (repetition or lever or arm or rod or member or element or board or plate) with hammer near6 (releas\$3 or lift \$3 or push\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 23:41

S67	195	piano and repetition with lever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 23:50
S68	46	(84/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 17:47
S69	538	(84/251,170,173,174,234).CCLS.	USPAT	OR	OFF	2009/10/21 18:12
S70	198	piano and repetition with lever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:24
S71	257	piano and (repetition or lever or arm or rod or member or element or board or plate) with hammer near6 (releas\$3 or lift \$3 or push\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:30

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	1	((repetition lever) same (shank roller jack guide) same hammer and (mark\$3 reference sign indicat\$3 symbol point\$3 line) with (adjust\$3 adjustment tilt\$3 alter\$3 chang\$3 align\$3 angular) with jack).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/21 21:46
L10	3	((piano keyboard) and (repetition lever shank roller jack guide) same hammer and (mark\$3 reference sign indicat\$3 symbol point\$3 line) with (adjust\$3 adjustment tilt\$3 alter\$3 chang\$3 align\$3 angular) with jack).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/21 21:49
L11	11	((piano keyboard) and (repetition lever shank roller jack guide) same hammer and (mark\$3 reference sign indicat\$3 symbol point\$3 line) with (adjust\$3 adjustment tilt\$3 alter\$3 chang\$3 align\$3 angular)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/21 21:50

L12	1	((piano keyboard) and (repetition lever shank roller jack guide) same hammer and edges with (chamfer\$3 cut cutting groove corner bevel \$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/21 21:54
L13	29	((piano keyboard) and (repetition lever shank roller jack guide) same hammer and (chamfer\$3 cut cutting groove corner bevel\$3 edge)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/21 21:55

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